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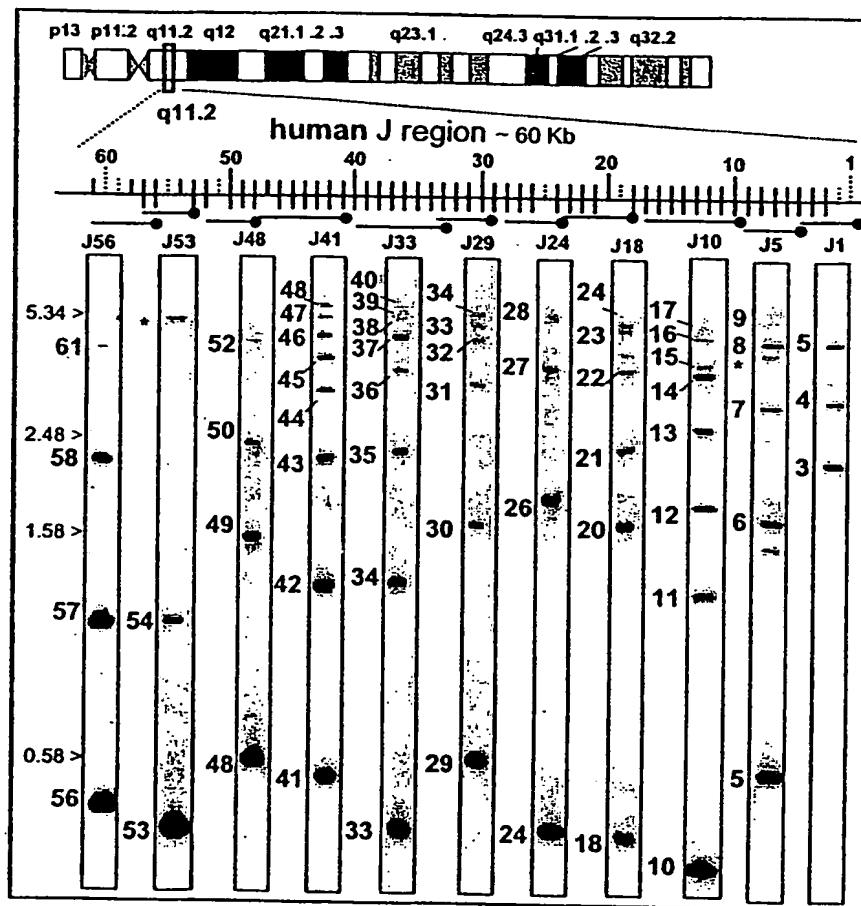


FIGURE 1

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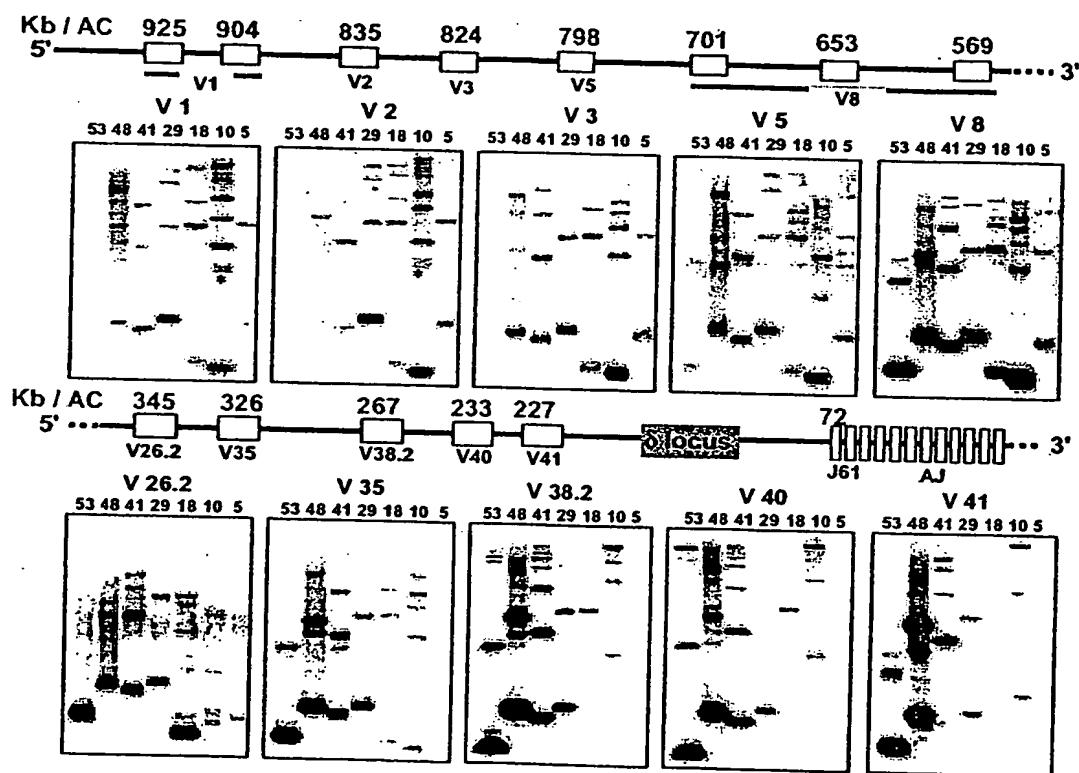


FIGURE 2

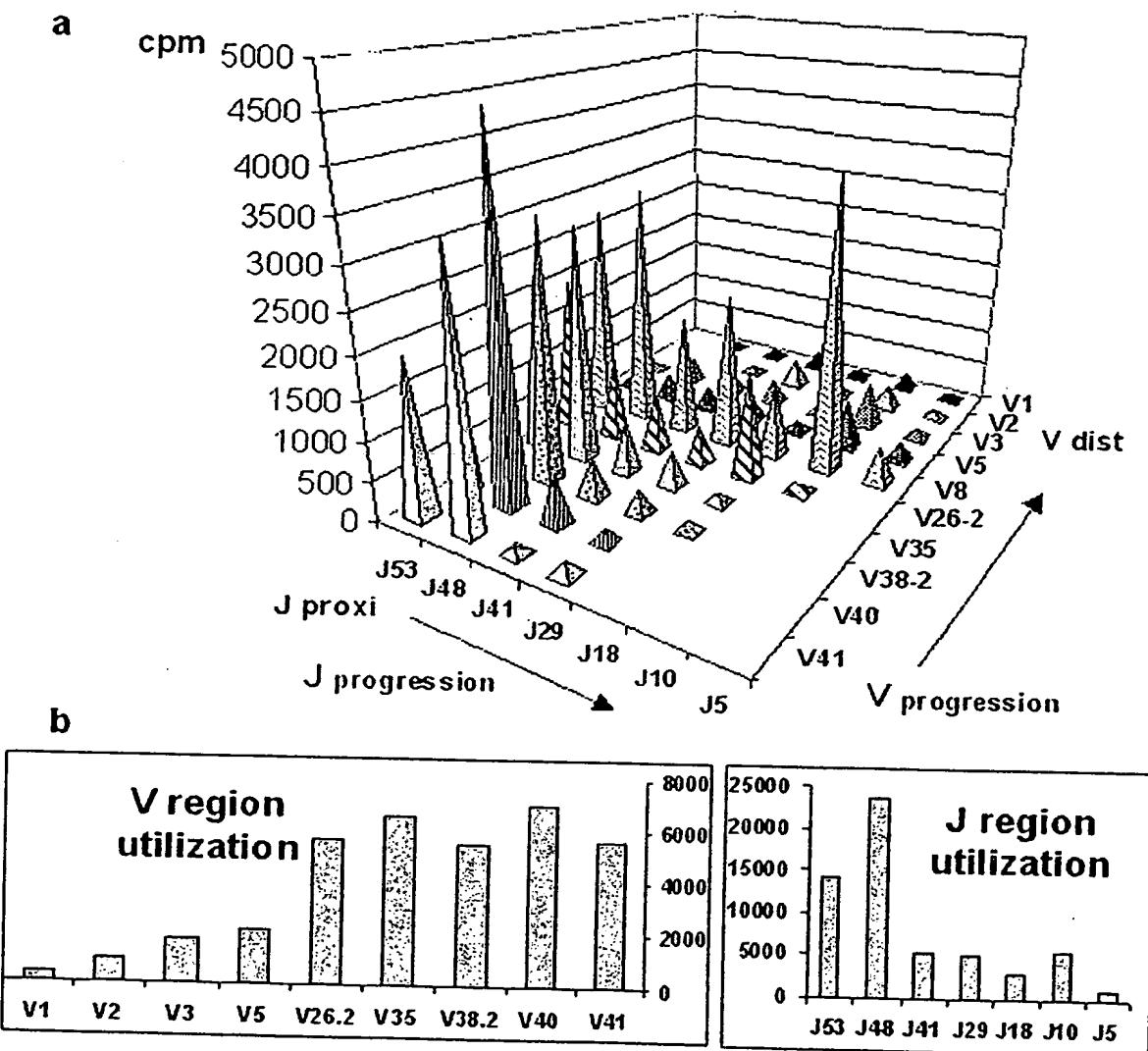
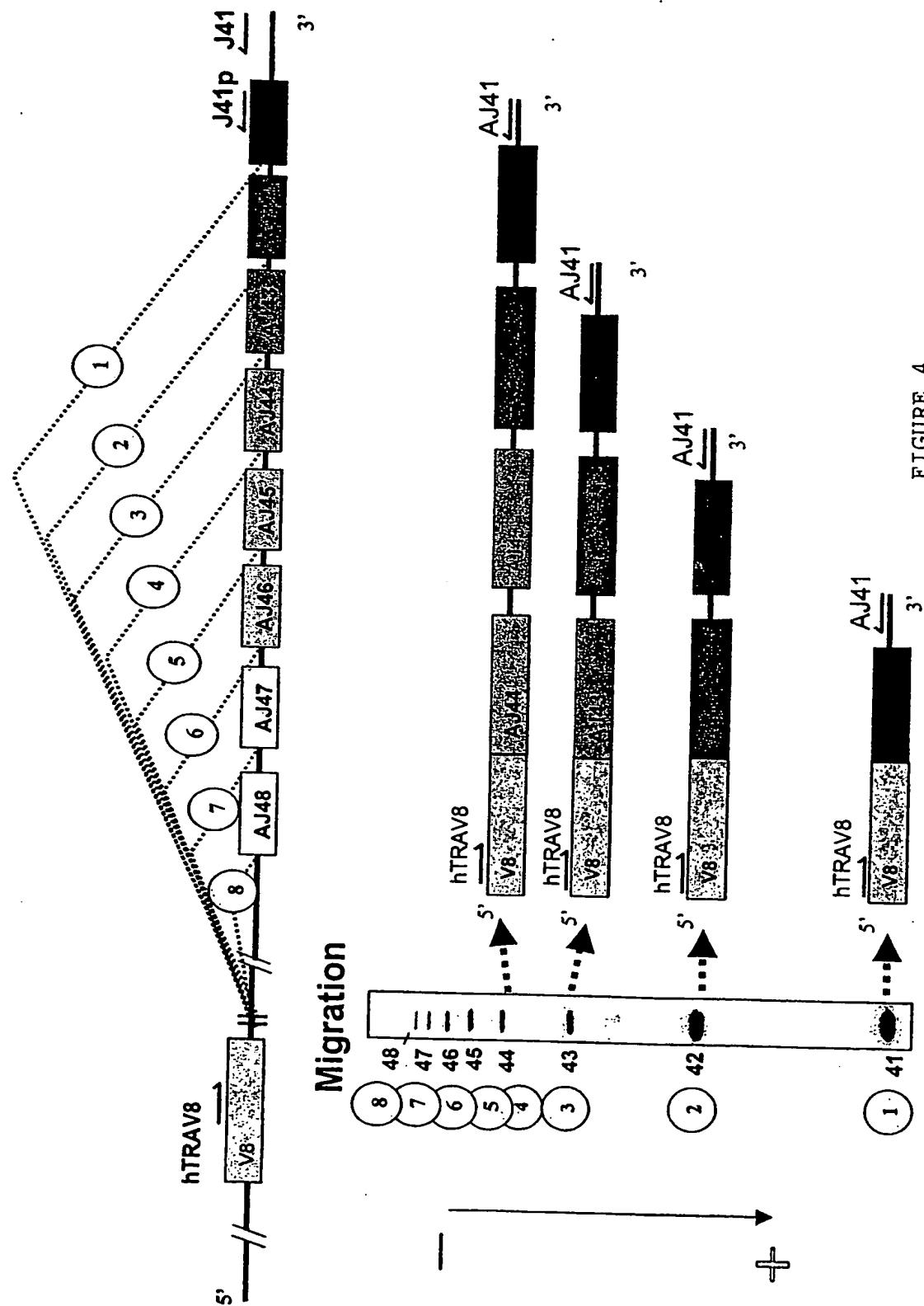


FIGURE 3

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hV gene	Heptamer	Spacer	Monomer	RSS	Dist/Cd (kb)	Signal	Signal			
hV1-1	CACAGTC	100	ACTATGAGCCCTTAACTGTG	56	CATATCTC	56	72	925	1604	J10
hV1-2	CACAGTC	86	ACTATGAGCCCTTAACTGTGCA	63	CATATCTC	56	69	904	1637	J10
hV2	CACACAG	86	GCAGGGGACCOATGAAGAGCTGA	56	ACACAAACA	78	75	835	1940	J10
hV3	CACACTG	86	ATAGGSGCTGGAGGGGAGCAGA	56	ACACAAACT	89	80	824	2406	J10
hV5	CACATTC	86	CTTCTCAGGCACCTGATCCGT	94	ACCCAAACC	100	93	798	15830	All J area
hV8-2	CACAGTC	100	CTTGAGACTGCAGGAGAGCTGAA	50	CACAAAGCCT	33	63	701	5638	J48
hV8-4	CACAGTC	100	CTTGAGACTGCAGGAGAGCTGAA	50	CATAAACCT	33	63	653	6520	J48
hV8-6	CACAGTC	100	CCTGAGACTGCAGGAGAGCTGAA	44	CACAAACCT	44	65	569	11008	J48
hV26-2	CACAGTC	100	GGACAGATGGGGCTGAGCTGTG	56	CATATCTC	33	64	345	6930	J48
hV35	CACAGTC	100	CTCCCCAAACACCTGAGCCCTG	94	ACTCAAAC	78	90	326	5630	J48
hV38-2	CACAGTC	100	AGACAAGCAAAGGCACTGGCT	31	ACAGAAACC	89	78	267	11008	J48
hV40	CACAGTC	86	CTAAAAGCACTGCCCAGCTATA	44	CATAAACCT	44	60	233	6930	J48
hV41	CACAGTC	100	CTCCCCAGGCACTGAGCCCGT	94	ACCAAAACT	78	90	227	5630	J48
Consensus	CACAGTC	-T---CAG-CA-CTG-AACCTGT	GC	GG	0	%				

FIGURE 5

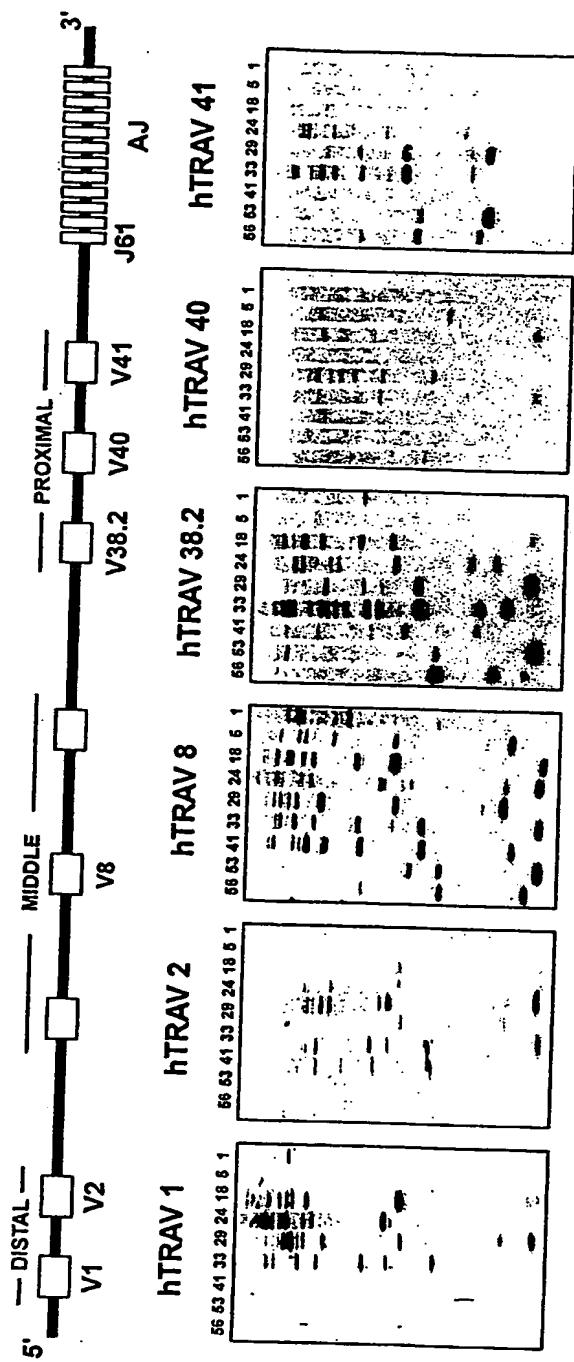


FIGURE 6

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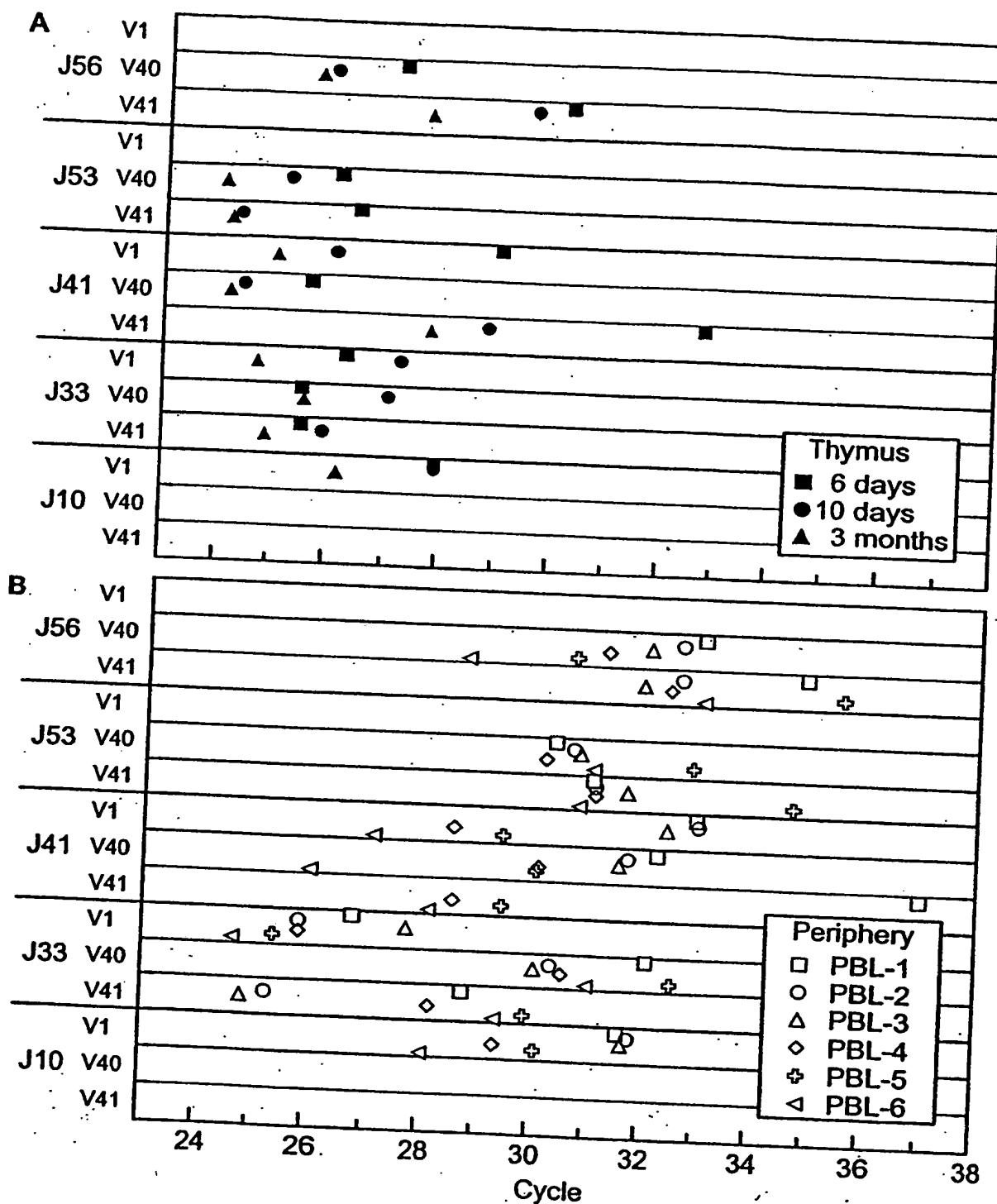


FIGURE 7

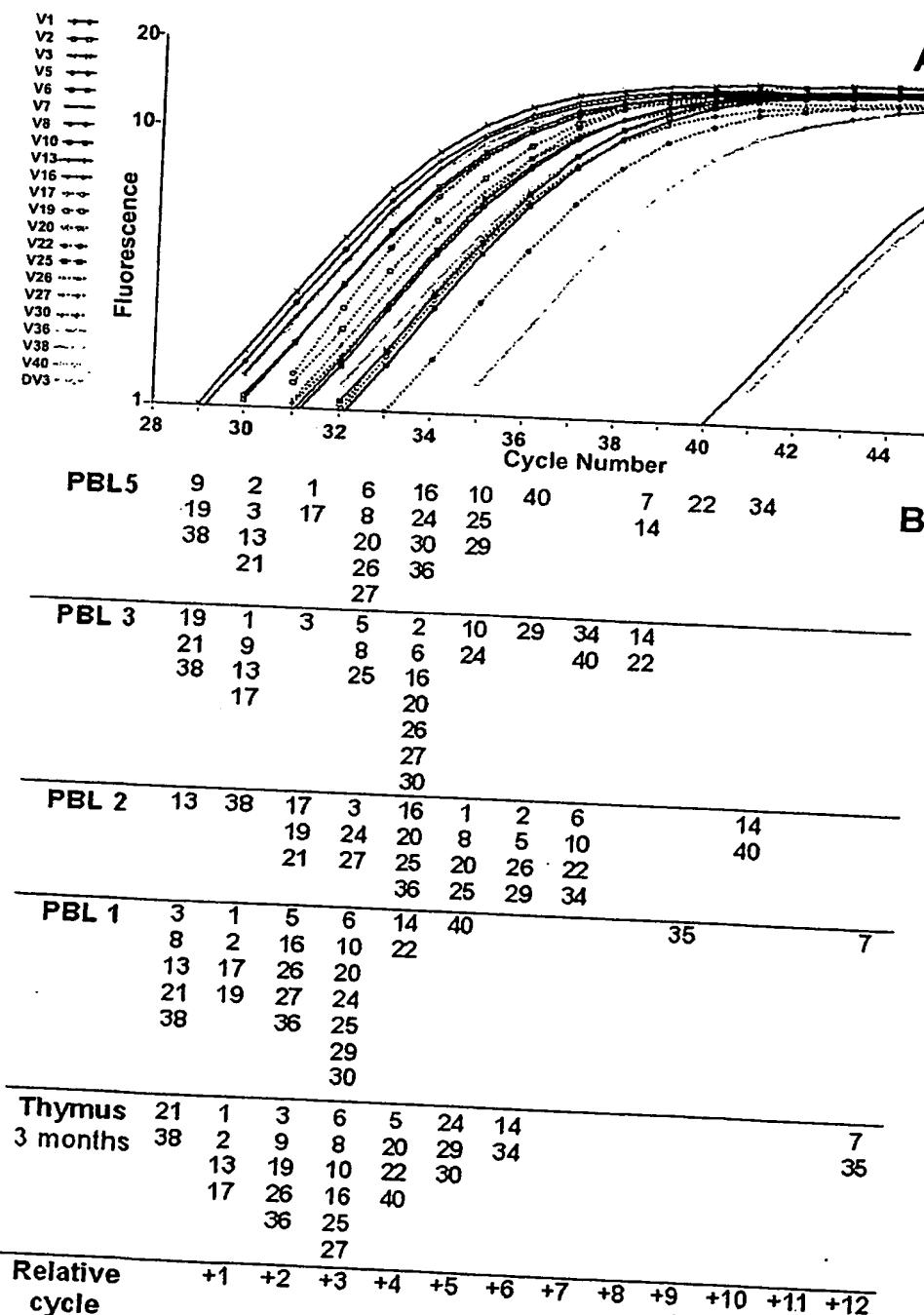


FIGURE 8

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